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(54) DIGESTION-RESISTANT USEFUL ENTEROBACTERIUM AND ITS PREPARATION

(57)Abstract:

PURPOSE: To feed useful enterobacteria into a large intestine without inactivating the enterobacteria with a gastric juice by receiving the enterobacteria in a capsule comprising an edible film and subsequently coating the capsule with an edible fat.

CONSTITUTION: A capsule is formed of the solution of a coating film-formable and edible polymeric compound, and a plurality of holes permitting the passage of bacteria are simultaneously or subsequently formed in the capsule. Or, the capsule is formed in a state capable of being perforated in a small intestine. Enterobacteria such as *Bifidobacterium* bacteria are received in the capsule, and the capsule is coated with an edible fat having a melting point of $\geq 35^{\circ}\text{C}$ and, if necessary, further coated with fructo-oligosaccharide to provide the digestion-resistant useful enterobacteria.

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